

**SECTION VI**

**Injection Well Construction and Operation**

**VI.A Well Construction Information**

**VI.A.1 Well Depth**

**VI.A.2 Well Casing Specifications**

**VI.A.3 Well Completion and Completion Interval Information**

**VI.A.4 Well Construction Engineering Schematic**

**VI.A.5 Well Drilling Program**

**VI.A.5.a Drilling Procedures**

Surface Hole

Protection Hole

**VI.A.5.b Completion Procedure**

Casing and Cement Evaluation

Perforated Completion

Formation Stimulation

Injection Tubing Installation

**VI.A.5.c Drilling Contingencies**

Lost Circulation

Overpressured Zones

Stuck Pipe

**VI.A.5.d Drilling Fluids Program**

Completion Fluid

Annular Completion Fluid

**VI.A.5.e Waste Fluid and Solids Management Planning**

**VI.A.6 Well Logging, Coring, and Testing Program**

VI.A.6.a Well Logging, Coring and Testing Program - Surface Hole

VI.A.6.b Well Logging, Coring, and Testing Program - Protection Casing Hole

VI.A.6.c Well Logging, Coring, and Testing Program – Coring

Core Analysis

VI.A.6.d Well Logging, Coring, and Testing Program - Formation Fluid Sampling

VI.A.6.e Well Logging, Coring, and Testing Program - Mud-Logging Services

**VI.A.7 Well Casing Centralizer Information**

**VI.A.8 Well Construction Cementing Program**

VI.A.8.a Surface Casing Cement Specifics

VI.A.8.b Protection Casing Cement Specifics

VI.A.9 Well Tubing Specifications

VI.A.11 Well Packer Information

**VI.A.12 Well Perforations**

**VI.A.13 Well Stimulation Program**

VI.A.14 Injectivity/Falloff Testing Program

**VI.B Renewal Permit and Amended Permit Information**

## **VI.C Injection Well Operation**

### **VI.C.1 Anticipated Operational Life of the Well**

### **VI.C.2 Maximum Instantaneous Rate of Injection**

### **VI.C.3 Average Rate of Injection, Total Monthly, and Annual Volumes**

### **VI.C.4 Maximum Surface Injection Pressure**

### **VI.C.5 Range in Injection Rate and Surface Injection Pressure and Annual Volume**

### **VI.C.5 Well Maintenance and Operation**

## **VI.D Waste Compatibility and Corrosion Monitoring**

### **VI.D.1 Waste Compatibility**

### **VI.D.2 Corrosion Monitoring**

## **VI.E Well Closure and Post-Closure Care Plans**

### **VI.E.1 Injection Well Closure Plan**

#### **VI.E.1.a Estimated Plugging Cost**

### **VI.E.2 Post-Closure Plan**

## **References**

TABLE VI-1    TexCom Class I Injection Wells Casing Program

TABLE VI-2    Drilling Fluid Program

TABLE VI-3    Conventional Coring Program

TABLE VI-4    Formation Fluid Analysis

TABLE VI-5    Surface Casing Cement Specifics

TABLE VI-6    Protection Casing Cement Specifics

TABLE VI-7    Injection Tubing Specifications

TABLE VI-7    Injection Fall Off Test Results